

IN THE CLAIMS:

Amend the claims as indicated below.

- 1 Claims 1-17. (canceled)
- 1 18. (new) A method for improving the effects of a strong code signal upon a
2 weaker code signal using a spread spectrum radio signal receiver, the method comprising:
3 tracking a strong signal and measure its amplitude, the strong signal being part of
4 a compound signal further comprising a weak signal; and
5 computing an interference between a strong signal and a weak signal;
6 removing the interference from the compound signal, wherein computing the
7 interference comprises,
8 computing a predicted code and frequency domain crosscorrelation of the
9 strong signal with the weak signal; and
10 multiplying an amplitude of the strong signal with the predicted
11 crosscorrelation.

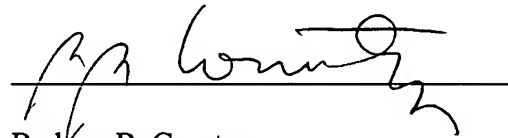
AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

Please charge deposit account 501914 for any fees due in connection with this Office Action response.

Respectfully submitted,

Shemwell Gregory & Courtney LLP

Date: November 12, 2003

A handwritten signature in black ink, appearing to read 'Barbara B. Courtney', is written over a horizontal line.

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